Historic, Archive Document

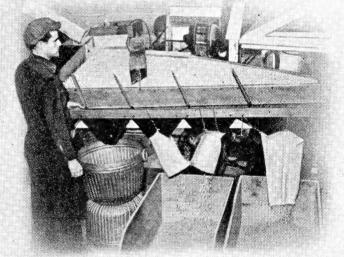
Do not assume content reflects current scientific knowledge, policies, or practices.



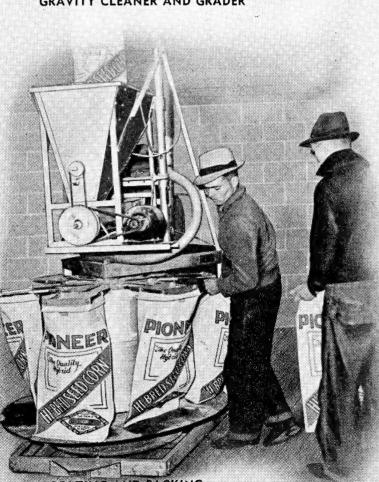
Quality Hybrid Seed Corn



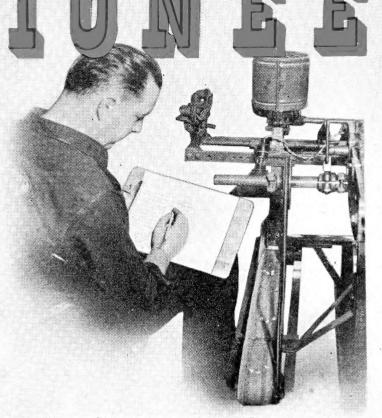
PLANT MANAGER INSTRUCTING SORTER



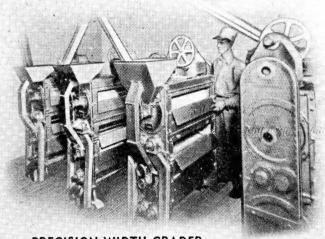
GRAVITY CLEANER AND GRADER



TREATING AND SACKING



CHECKING CORN PLANTER



PRECISION WIDTH GRADER



MACHINE REMOVING HUSKS

Carefully Trepared

HAS THE VIGOR TO GROW IN A COLD WET SPRING

Because every possible care is taken in producing Pioneer seed corn—from the time the inbreds are crossed for parent corn production . . . through the planting of the final cross seed fields in the spring . . . sorting, drying, shelling and grading in the fall . . . and storage in the winter . . . Pioneer has the vigor to grow in a cold, wet spring.

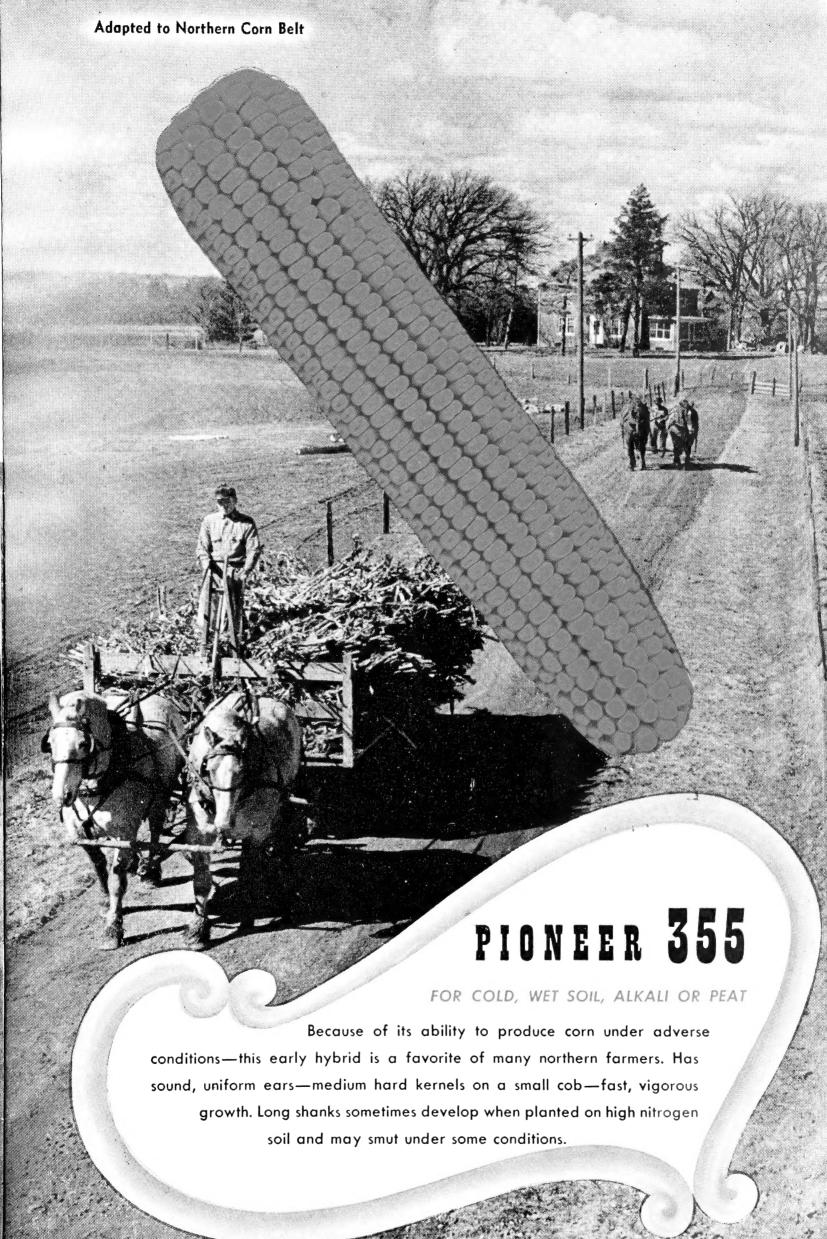
Sorting of the corn as it comes from the seed fields is very important. Employees are carefully trained to recognize at a glance, those ears and kernels that should be discarded.

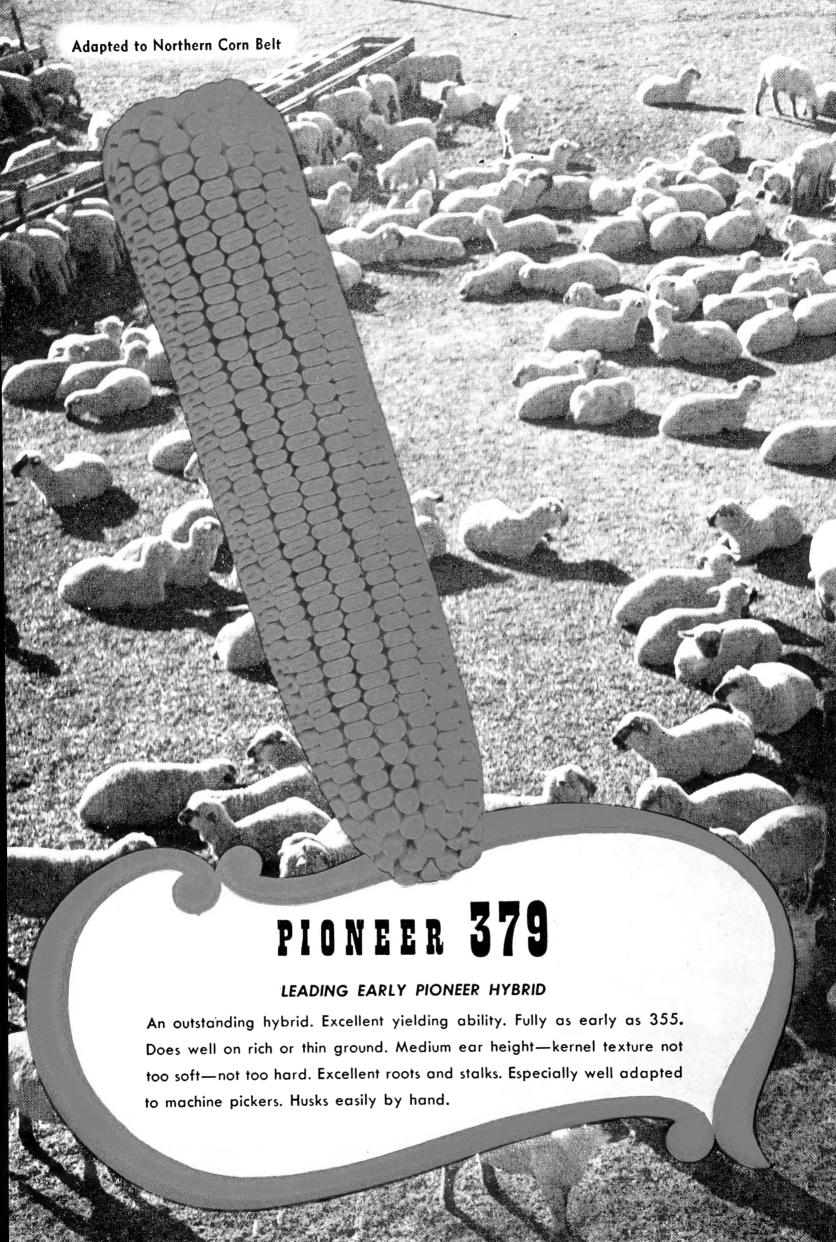
Many different types of machinery are used in Pioneer plants—unloading equipment . . . elevators . . . conveyors . . . dryers . . . shellers . . . graders . . . treaters . . . scales . . . trucks, etc.

It's the painstaking care given to Pioneer—from the crossing of the inbred parents... to the final treating... sacking... and storing, that gives Pioneer the "VIGOR to GROW... in a Cold, Wet Spring."



Produces good yields of early maturing corn. Medium size ears—deep, soft starch kernels—small, quick drying cobs—short, very stiff stalks—dressy, dark green foliage—resistant to lodging, ear dropping, smut and drought. Picks well by hand or machine.







Adapted to Northern Corn Belt

PIONEER 373

LONG EARS-EASY TO PICK

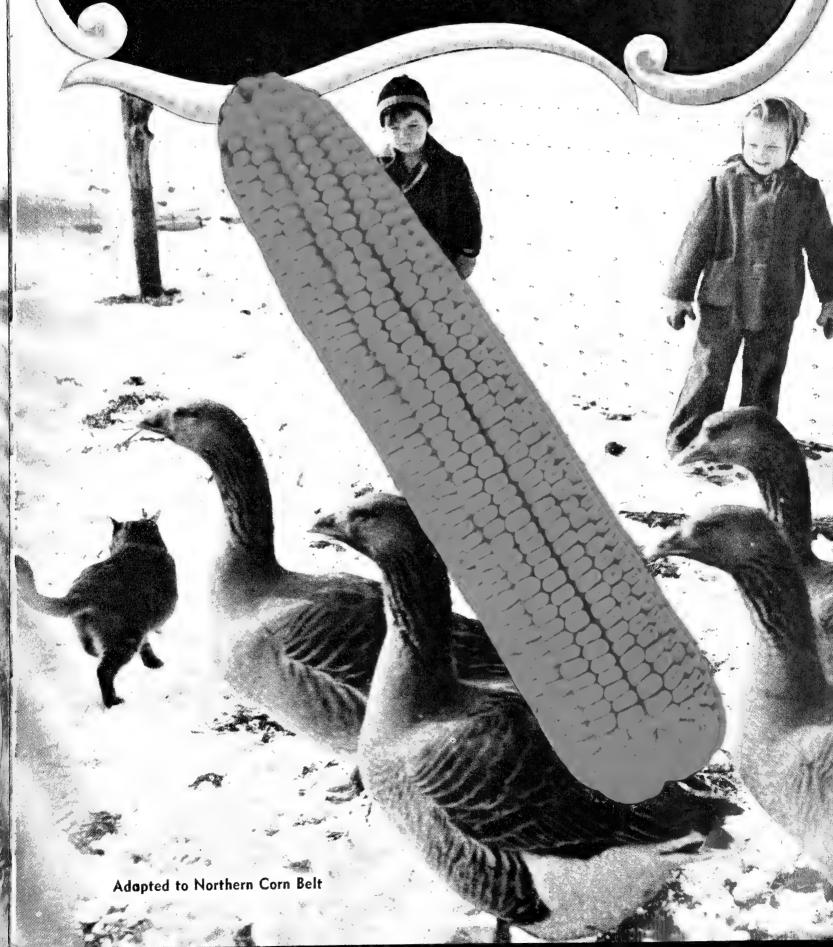
It's those long ears—each packed with deep sound kernels—of medium texture—on a small, fast drying cob that makes 373 so popular.

Produces heavy yield—with splendid field appearance—and is resistant to ear dropping.

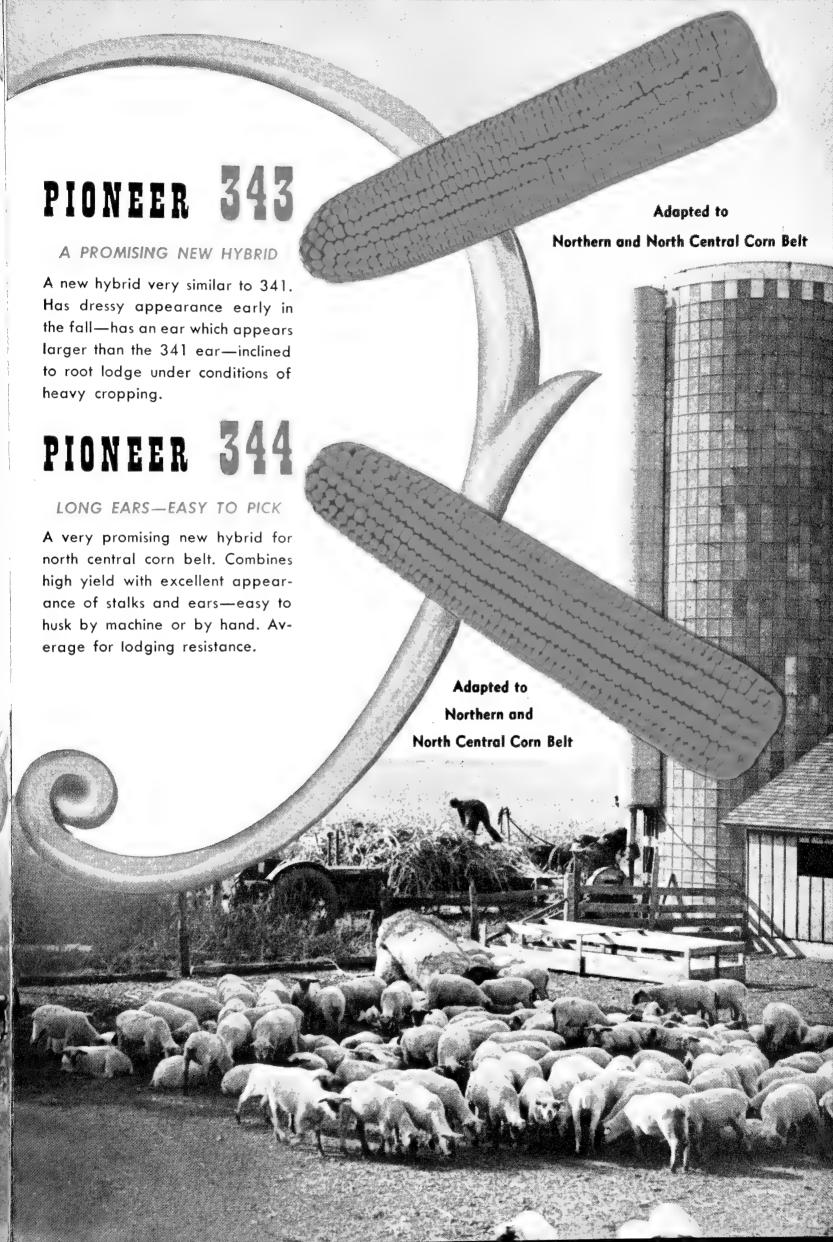
Subject to stalk breaking in late fall when planted on high nitrogen soil Husks easily by hand and picks quite well with a machine, even though some stalks are broken over.



Here is a hybrid that's "Tops." Very deep, medium soft starch kernels—produces extra high yields of sound corn—strong roots—dark green foliage—shells very little when picked by machine. Resistant to drought and smut. Its yield is often underestimated early in the season because of variation in ear height. Occasionally subject to stalk breaking in late fall on high nitrogen fields.







unmany of Characteristics of

PIONEER	359	355	379	358-A	373	353-A	353	326	322	344
STRENGTH OF ROOTS	VERY	STRONG	VERY	FAIR	STRONG	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$2003	V.18.V STILL 116	VERY	FAIR
STIFFNESS OF STALKS	VERY	VERY	VERY	· VERY STAPE	FAIR	STIFF	VERY St.FF	VERY	FAIR	STIFF
EAR DROPPING RESISTANCE	EXCELL T	GOOD	EXCELL'T	GOOD	GOOD	1,1127/3	1,31,31,1X3	FXCELT	EXCELT	EXCELL T
ADAPTATION TO HAND PICKING	EXCELLIT	G00D	EXCELL'T	EXCELL'T	G000	G000	A R	G000	G000	EXCEIL'T
CLEANNESS OF HUSKING WITH MACHINE PICKER	VERY	CLEAN	VERY	CLEAN	VERY	CLEAN	FAIR	CLEAN	VERY	CLEAN
SHELLING RESISTANCE WHEN PICKED WITH MACHINE	EXCELL'T	GOOD	EXCELL'T	GOOD	GOOD	EXCELL'T	EXCELL'T	EXCELLT	FAIR	FAIR
LENGTH OF SHANK	MEDIUM	LONG	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	SHORT	MEDIUM
EAR HEIGHT	MOT	MEDIUM	MEDIUM	MEDIUM	MISSE	METOLIN	MECEM	RIDEM	нівн	MUICEN
LENGTH OF EARS	SHORT	LONG	MEDIUM	MEDIUM	LONG	MEDIUM	SHORT	MEDIUM	MEDIUM	TONG
HARDNESS OF KERNEL STARCH.	SOFT	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM SOFT	MEDIUM SOFT	SOFT	MEDIUM	MEDIUM

The characteristics of the hybrids listed are based on comparisons with the average Pioneer hybrid—not on comparisons with the open-pollinated corn or competitive hybrids. For instance, where a hybrid rates "Fair" for "Stiffness of Stalk" in these tables, it would actually rate "Very Stiff" if compared under open-pollinated standards.

RIINOIL	341	343	330	340	331	339	333	334	336	300	304
STRENGTH OF ROOTS	FAIR	FAIR	VERT	STRONG	11	STRONG STRONG	Very	FAIR	STRONG	FAIR	STRONG
STIFFNESS OF STALKS	VERY	VERY STIFF	VERY	VERY	STIFF	STIFF	VERY	STIFF	STIFF	STIFF	VERY
EAR DROPPING RESISTANCE EXCELLT	EXCELL'T	EXCELL'T	GOOD	EXCELL'T	GOOD	GOOD	GOOD EXCELUTA	G00D	GOOD	GOOD	EXCELLT
ADAPTATION TO HAND PICKING.		EXCELL'T EXCELL'T	EXCELLT	FXCFILT	EXCELLT	EX (PH) X 3	FAIR	G005	GOOD FEFTERS	G000	FAIR
CLEANNESS OF HUSKING WITH MACHINE PICKER	CLEAN	CLEAN	VERY	CLEAN	CLEAN	CLEAN	CLEAN	CLEAN	CLEAN	FAIR	FAIR
SHELLING RESISTANCE WHEN PICKED WITH MACHINE	EXCELL'T	EXCELLT	EXCELL'1	GOOD	2000	FAIR	FAIR	EXCELLT	FXCELUT	G005	FAIR
LENGTH OF SHANK	MEDIUM	MEDIUM	SHORT	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	SHORT
EAR HEIGHT	TOW	MOI	MOI	MEDIUM	нен	MEDICAM	MUDICIM MUCIN	MEDIUM	MEDIUM	нен	MEDIUM
LENGTH OF EARS	LONG	CONG	MEDIUM	LONG	020	ONO	MEDIUM	5NO1	PONO	MEDIUM	TONG
HARDNESS OF KERNEL STARCH	SOFT	SOFT	SOFT	MEDIUM SOFT	SOFT	SOFT	MEDIUM HARD	MEDIUM	MEDIUM	SOFT	MEDIUM SOFT

PIONEER RABRIDS

Matwrity of Hy

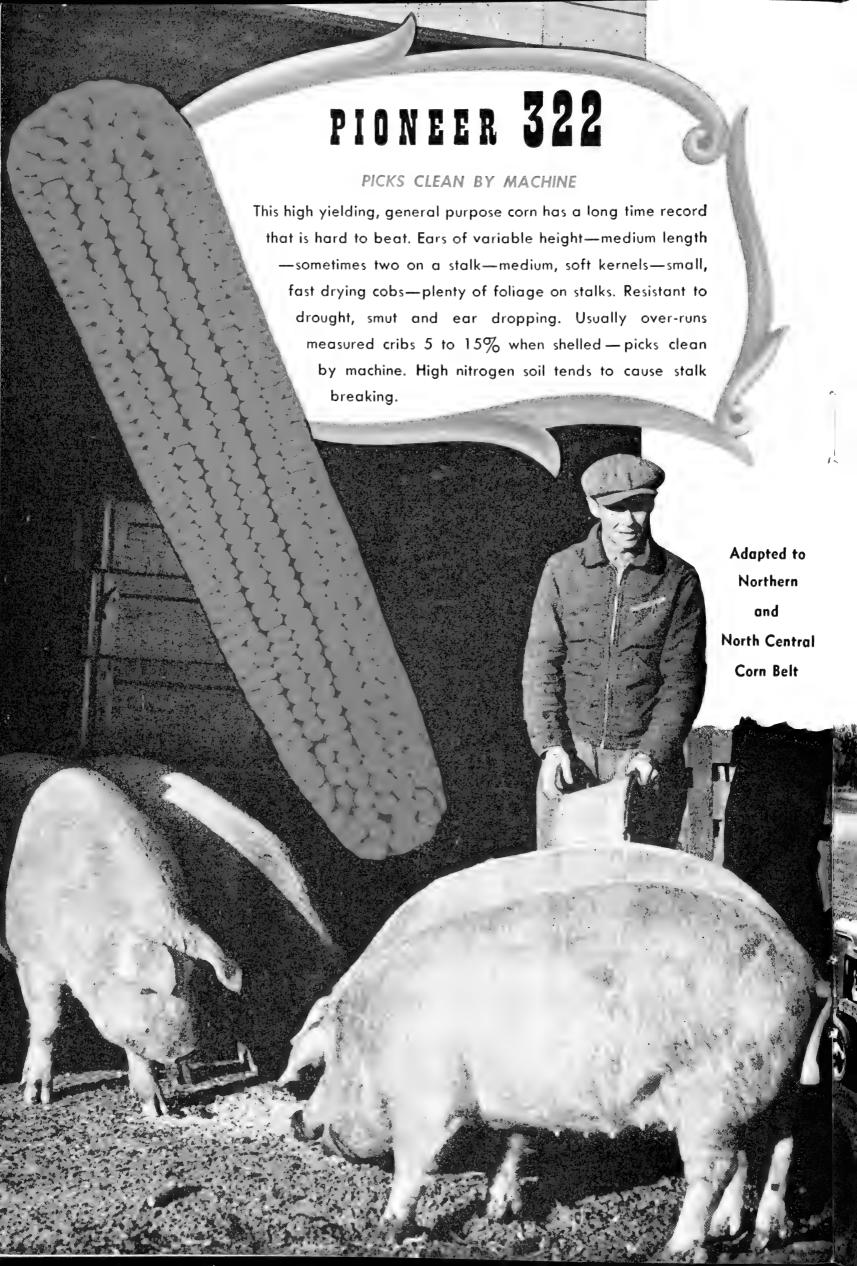
South Central and Southern Minnesota Northern and Central South Dakota 355 379 358-A Southern Minnesota and Northern Iowa Central and Southern South Dakota 373 353-A

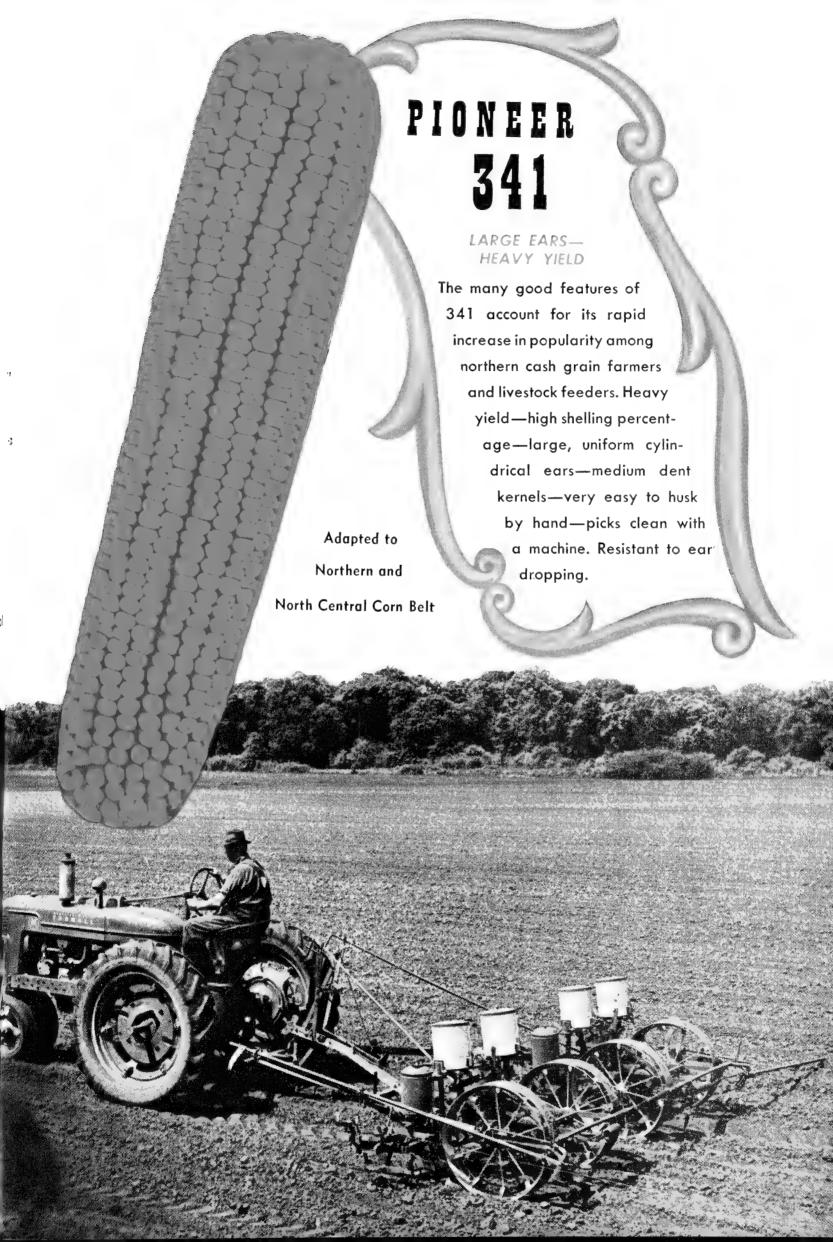
No. Central and So. Central lowa South Eastern South Dakota 322 344 341 343 330 340

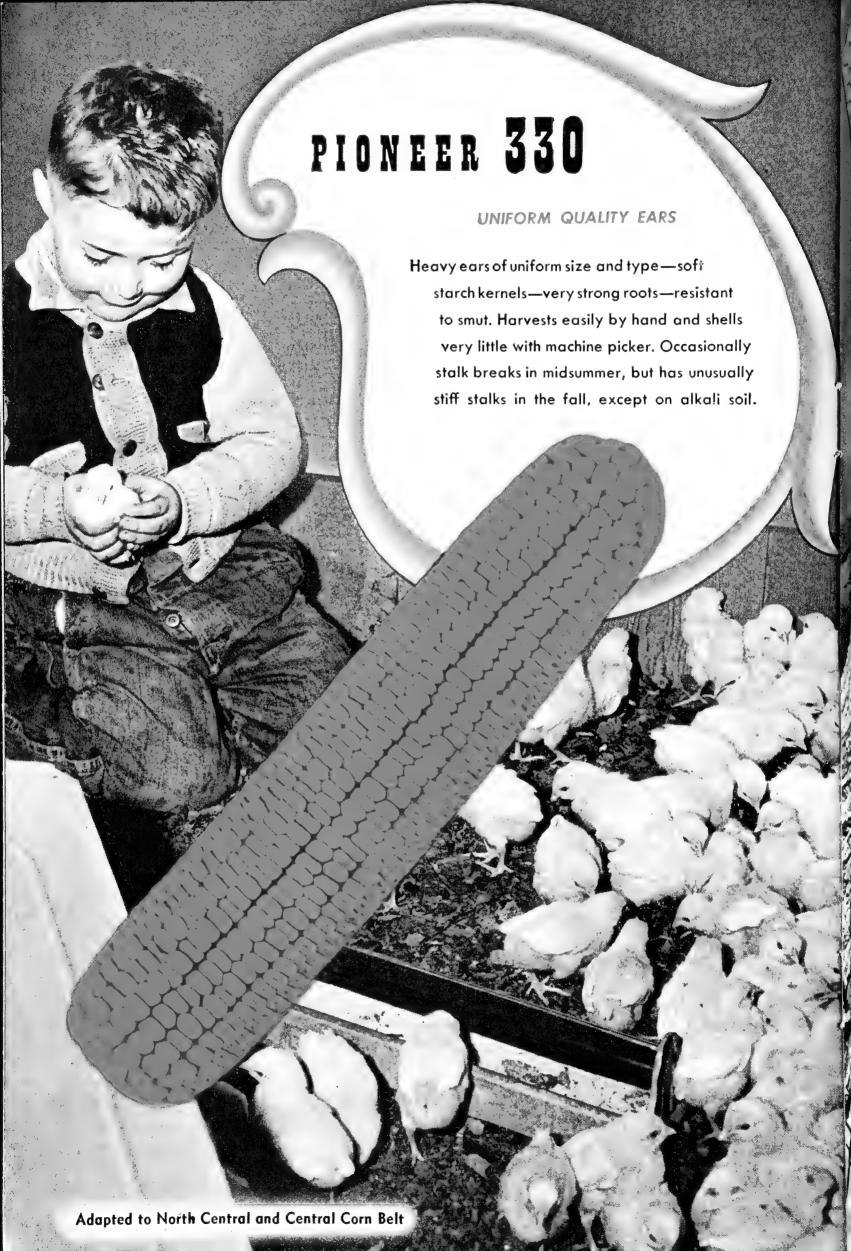
Central and Southern lowa

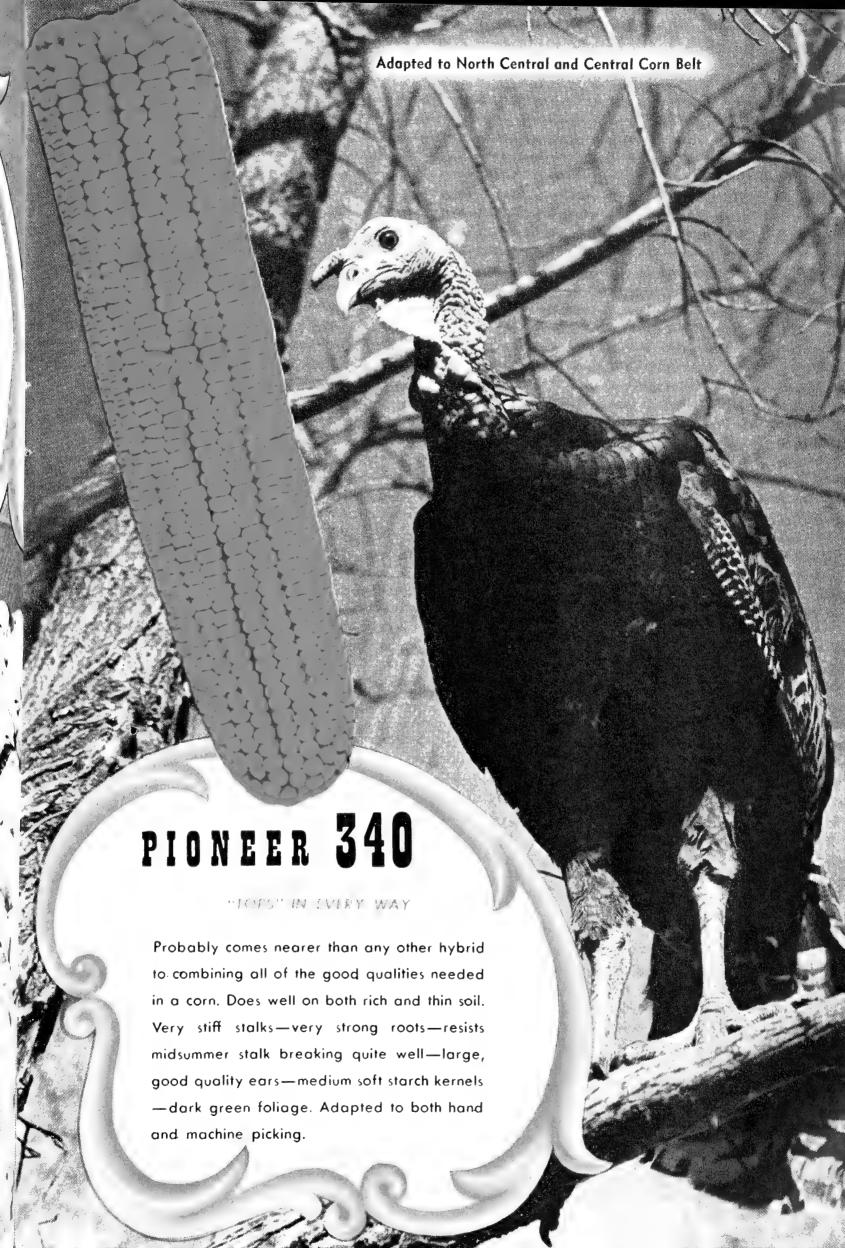
300 336 PIONEER Hybrids are adapted to corn belt areas as shown above.

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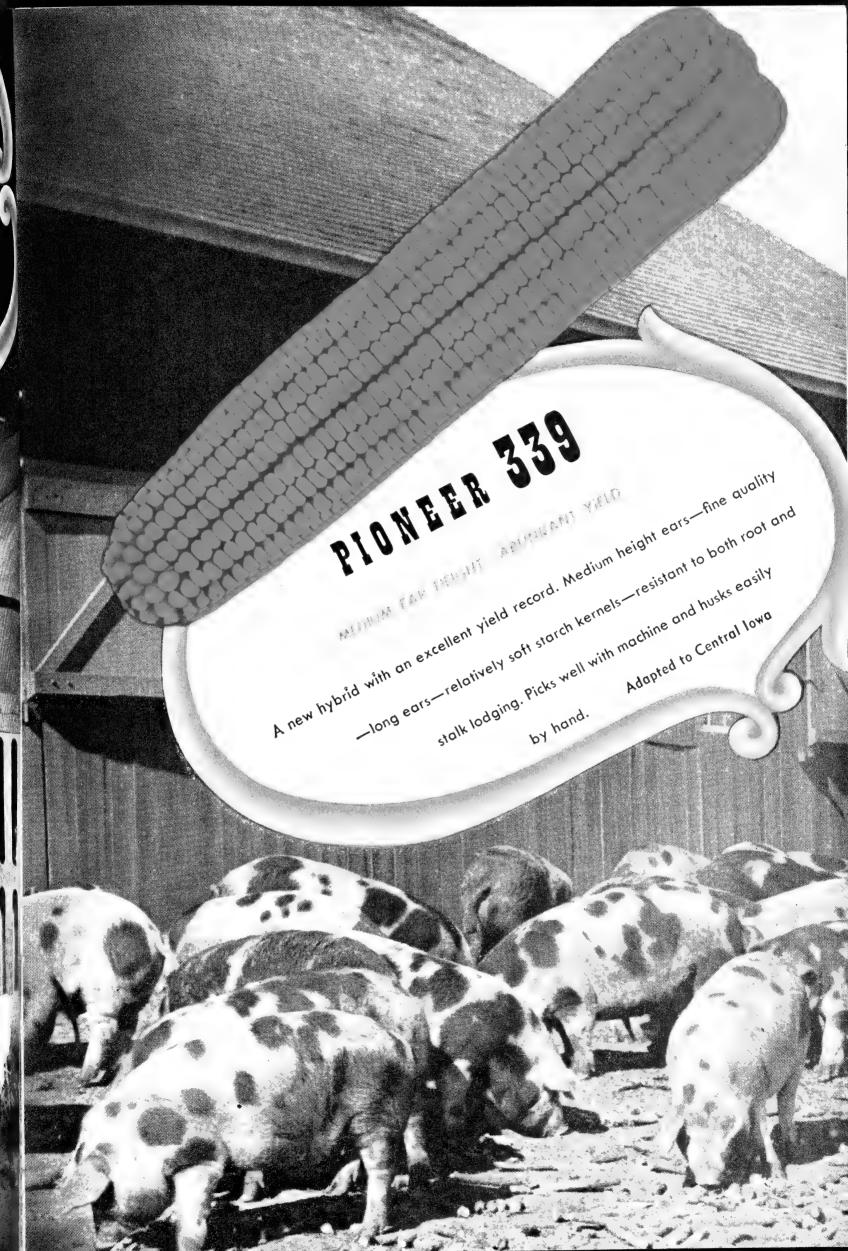


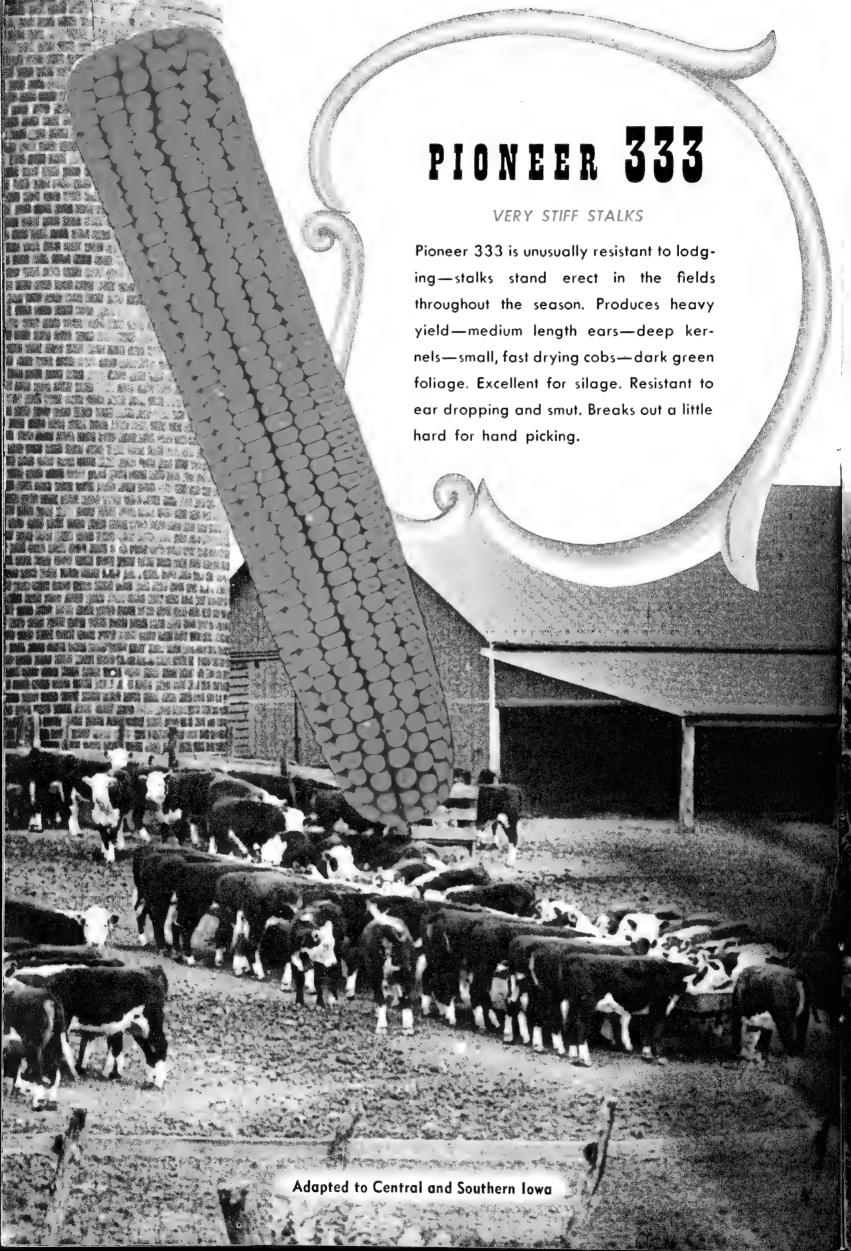


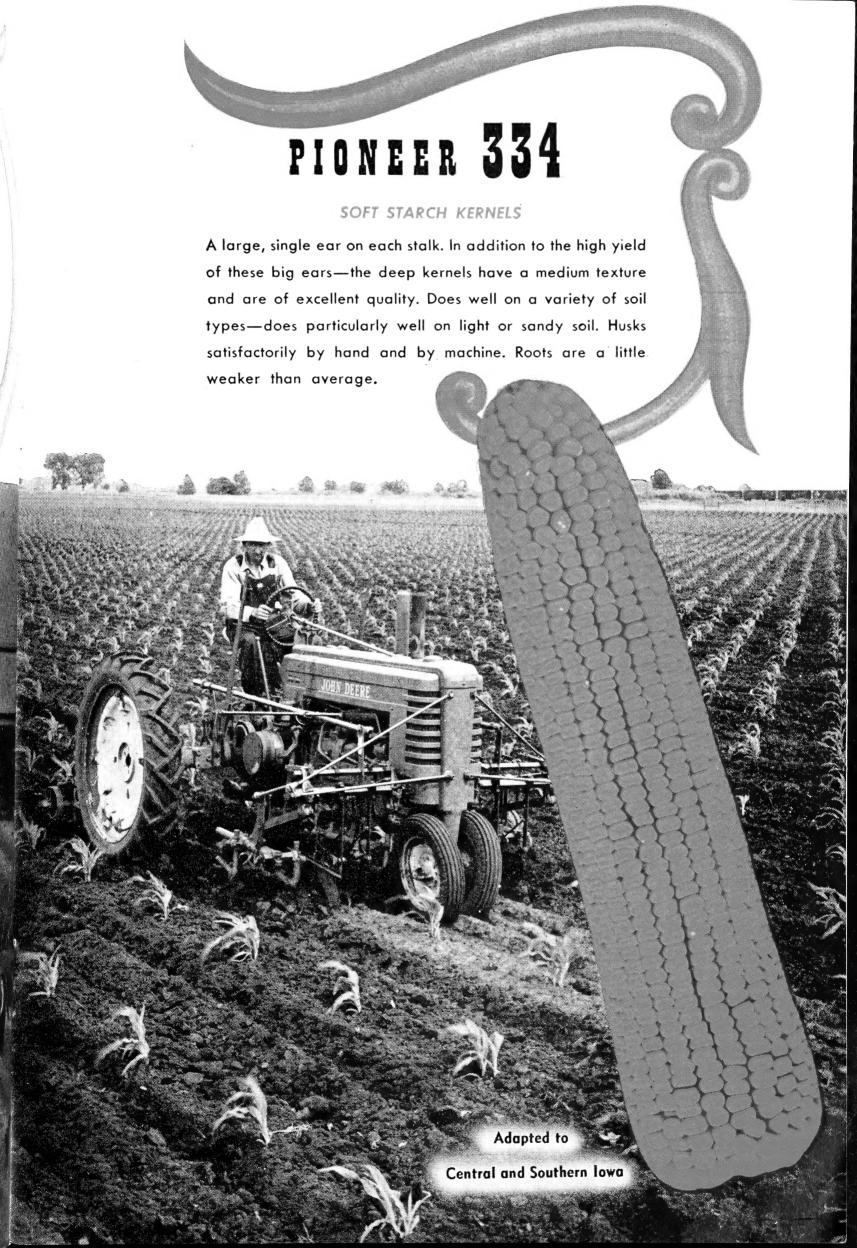
PIONEER 331

EAR TYPE SIMILAR TO 330

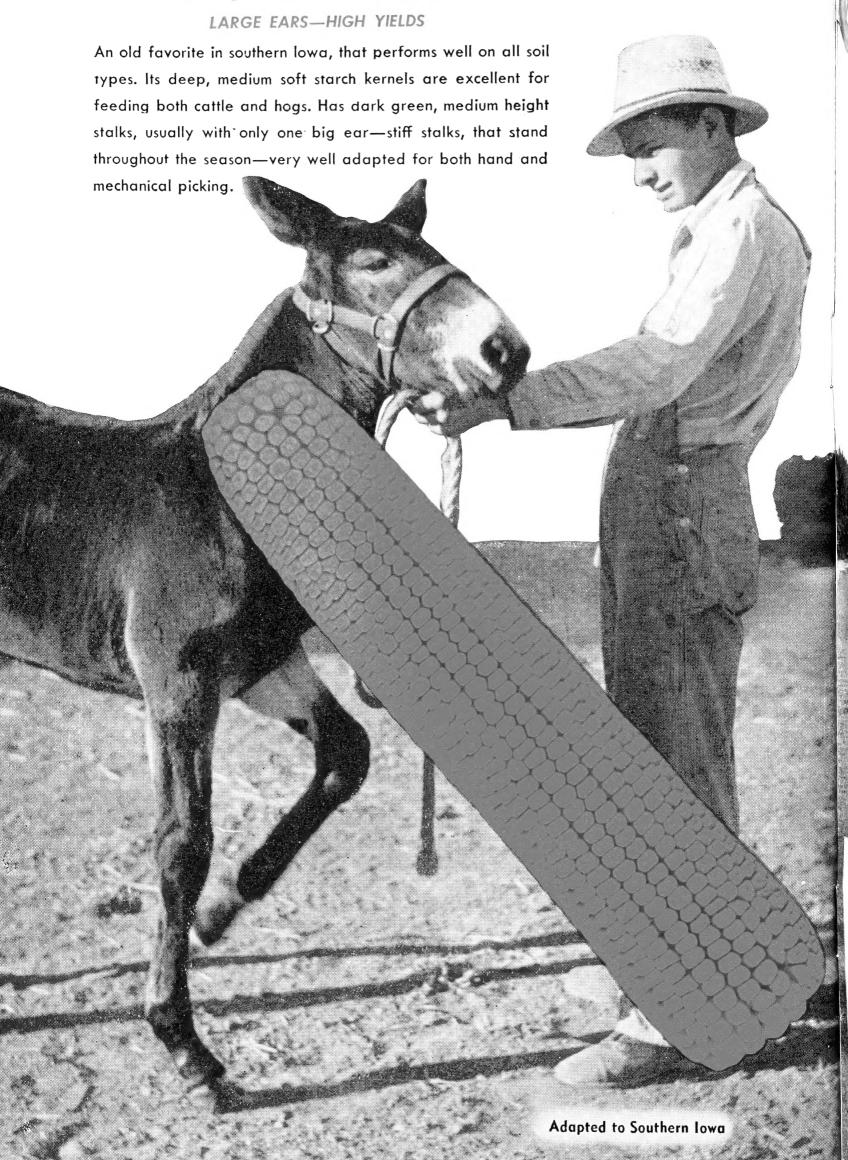
A high yielding hybrid with an ear-type and maturity similar to 330, but higher eared — more foliage — longer eared. Deep, medium soft kernels—able to adapt itself to different soil types—resistant to smut and drought. Strength of roots only fair under adverse conditions. Has very stiff stalks in the fall. Husks easily by hand and picks well with machine.

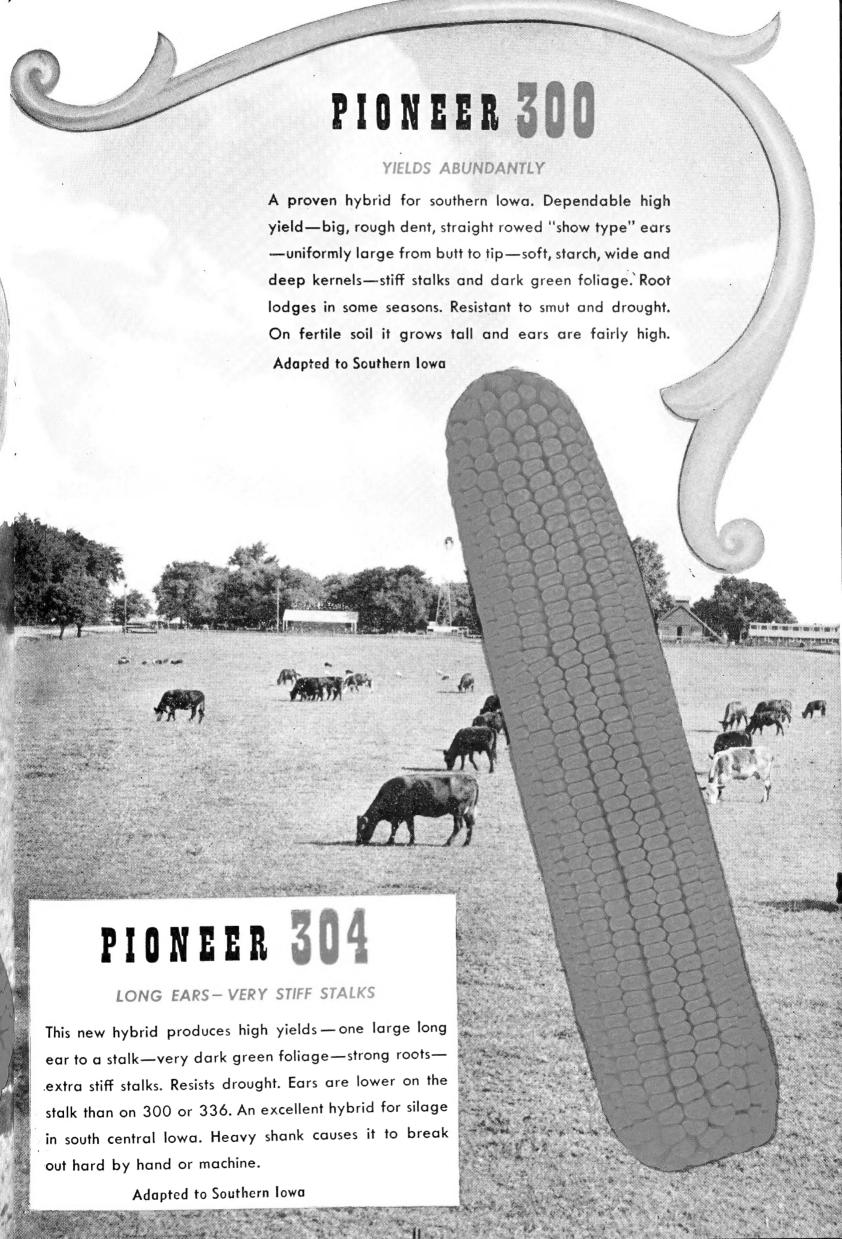






PIONEER 336





PIONEER

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BASED ON AVERAGE RESULTS FROM PIONEER YIELD TESTS

Ratings shown below under each of the 3 maturity belts are based on averages of several years of testing in Pioneer hand planted, replicated test fields. A number of fields are planted annually in each maturity belt and results averaged.

AL STATE STA	Ploneer Number	Average Yield Per Acre	Average Moisture Oct. 15	Root Lodging Resistance Grade— The Higher the Better	Average Number Broken Stalks Per 100 Stalks	Average Number Dropped Ears Per 100 Stalks	Average Ear Height
	359	69 bu.	16.6%	85	2	.2	40 in.
PERSON COMMAND	355	69	16.9	75	4	.8	46
AKMINNESOTA	379	70	16.9	80	3	.4	46
1000 mm may 1000 mm may 1000 mm may 1000 mm may 1/4, m	358A	72	17.7	70	3	.4	46
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	373	74	17.9	75	10	.5	48
Care Care Care Care Care Care Care Care	353A	74	19.0	80	6	.7	54
A MANUAL COLONIAL MANUAL PROCESSION OF SHARES	353	74	19.0	75	4	.3	52
AND THE RESIDENCE OF THE PARTY	326	75	20.6	85	4	.3	50
The state of the s	322	76	20.8	85	9	.5	56

NORTHERN ANI	NOI	RTH CE	NTRAL	CORN	BELT		
MINNESOTA WILLIAM SOUTH STATE OF THE STATE O	Pioneer Number	Average Yield Per Acre	Average Moisture Oct. 15	Root Lodging Resistance Grade— The Higher the Better	Average Number Broken Stalks Per 100 Stalks	Average Number Dropped Ears Per 100 Stalks	Average Ear Height
	353A	70 bu.	15.8%	76	5	.3	51 in.
A THE COURT OF THE PARTY OF THE	353	70	15.8	77	3	.2	49
	326	72	16.4	77	2	.3	47
Description of the control of the co	322	72	16.6	77	11	.4	53
CONTRACTOR OF THE PROPERTY OF	343	74	16.8	75	4	.3	44
NEB - To last part part to the part part part to the part of the p	344	74	16.8	75	6	.4	45
Man and the second seco	341	74	16.9	75	5	.3	44
Town of Control Common Party Control C	330	70	17.4	88	3	.7	47
MAA DEED DOOR OF THE PARTY OF T	340	74	17.4	80	4	.2	49

CENTRAL AND	SOUT	THERN	AWOI	CORN	BELT		
The property of the property o	Pioneer Number	Average Yield Per Acre	Average Moisture Oct. 15	Root Lodging Resistance Grade— The Higher the Better	Average Number Broken Stalks Per 100 Stalks	Average Number Dropped Ears Per 100 Stalks	Average Ear Height
100 Car 100 Ca	330	70 bu.	15.2%	88	1	1.4	43 in.
The state of the s	340	72	15.2	84	1	.7	45
Carrie Carrier W	331	72	15.5	84	2	1.2	50
BOOK 1485	339	74	15.7	80	- 3	1.0	48
100 10 100 10 100 100 100 100 100 100 1	333	74	16.0	88	2	.7	50
NEB	334	75	16.3	78	4	1.2	50
PORT TOTAL PROPERTY OF THE PRO	336	75	16.5	84	3	1.2	53
72070	300	76	17.0	76	3	.8	56
EMAI DIFFES	304	78	17.5	85	3	.5	50